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ATTORNEY DOCKET NO. 14114.0353U2

APPLICATION NO. 09/937,862

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Form PTO-1449 U.S. DEPARTMENT OF COMMERCE (Rev. 7-80) PATENT AND TRADEMARK OFFICE	ATTORNEY DOCKET NO.: 14114.0353U2	SERIAL NO. 09/937,862
LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)	APPLICANT: Oberste et al.	
	FILING DATE: September 28, 2001	GROUP: Unassigned

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
SF	A1	5,268,465	12/07/93	Bredt et al.	435	252.3	
	A2	5,726,012	03/10/98	Bachelor et al.	435	5	
	A3	5,516,641	05/14/96	Ullman et al.	435	6	
	A4	5,075,212	12/24/91	Rotbart	435	5	
	A5	5,585,477	12/17/96	Kilpatrick	536	23.72	
	A6	5,691,134	11/25/97	Kilpatrick	435	5	
	A7	4,683,195	07/28/87	Mullis et al.	435	6	
	A8	4,683,202	07/28/87	Mullis	435	9/1	
	A9	4,965,188	10/23/90	Mullis et al.	435	6	
	A10	5,578,467	11/26/96	Schuster et al.	435	81.2	
	A11	5,545,522	08/13/96	Van Gelder et al.	435	6	
	A12	5,624,833	04/29/97	Gelfand et al.	435	194	
	A13	5,789,208	08/04/98	Sharon	435	91.41	
	A14	5,723,031	03/03/98	Durr et al.	204	457	
	A15	5,185,243	02/09/93	Ullman et al.	435	6	
	A16	4,717,653	01/05/88	Webster et al.	435	5	

FOREIGN PATENT DOCUMENTS

	A17	WO 98/14611	04/09/98	U.S. Dept. of Health: Kilpatrick David			
SF	A18	WO 99/53097	10/21/99	U.S. Dept. of Health: Kilpatrick, David			

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

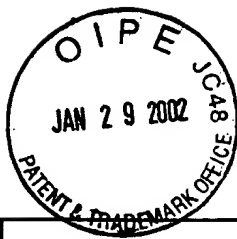
SF	A19	Oberste et al. Molecular Evolution of the Human Enteroviruses: Correlation of Serotype with VP1 Sequence and Application to Picornavirus Classification. <i>J. Virol.</i> 73(3):1941-1948 (March, 1999)					
SF	A20	Oberste et al. Typing of Human Enteroviruses by Partial Sequencing of VP1. <i>J. Clin. Microbiol.</i> 37(5):1288-1293 (May, 1999)					



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SF	A21	CDC. Nonpolio Enterovirus Surveillance - U.S., 1993-1996. MMWR 46(32):748-750 (August 15, 1997)
	A22	Mateu. Antibody recognition of picornaviruses and escape from neutralization: a structural view. <i>Virus Res.</i> 38:1-24 (1995)
	A23	Drebot et al. Molecular Epidemiology of Enterovirus Outbreaks in Canada During 1991-1992: Identification of Echovirus 30 and Coxsackievirus B1 Strains by Amplicon Sequencing. <i>J. Med. Virol.</i> 44:340-347 (1994)
	A24	Arola et al. Identification of Enteroviruses in Clinical Specimens by Competitive PCR Followed by Genetic Typing Using Sequence Analysis. <i>J. Clin. Microbiol.</i> 34(2):313-318 (Feb. 1996)
	A25	Oberste et al. Molecular phylogeny of all human enterovirus serotypes based on comparison of sequences at the 5' end of the region encoding VP2. <i>Virus Res.</i> 58:35-43 (1998)
	A26	Kopecka et al. Genotypic variation in Coxsackievirus B5 isolates from three different outbreaks in the United States. <i>Virus Res.</i> 38:125-136 (1995)
	A27	Diedrich et al. Sequence Comparison of Echovirus Type 30 Isolates to Other Enteroviruses in the 5' Noncoding Region. <i>J. Med. Virol.</i> 46:148-152 (1995)
	A28	Bailly et al. Natural Isolates of ECHO Virus Type 25 with Extensive Variations in IRES Sequences and Different Translational Efficiencies. <i>Virology</i> 215:83-96 (1996)
	A29	Holland et al. Differentiation and Characterization of Enteroviruses by Computer-Assisted Viral Protein Fingerprinting. <i>J. Clin. Microbiol.</i> 36(6):1588-1594 (June 1998)
	A30	Melnick et al. Lyophilized combination pools of enterovirus equine antisera: preparation and test procedures for the identification of field strains of 42 enteroviruses. <i>Bull. W.H.O.</i> 48:263-268 (1973)
	A31	Rotbart et al. Laboratory Diagnosis of Enteroviral Infections. In <u>Human Enterovirus Infections</u> (Rotbart, Eds) ASM Press, Washington, D.C. pp. 401-418 (1995)
	A32	Needleman et al. A General Method Applicable to the Search for Similarities in the Amino Acid Sequences of Two Proteins. <i>J. Mol. Biol.</i> 48:443-453 (1970)
	A33	Rotbart et al. Diagnosis of Enterovirus Infection by Polymerase Chain Reaction of Multiple Specimen Types. <i>Ped. Infect. Dis.</i> 16(4):409-411 (April 1997)
	A34	Alksnis et al. Use of synthetic oligodeoxyribonucleotides for type-specific identification of coxsackie B viruses. <i>Mol. Cell. Probes</i> 3:103-108 (1989)
	A35	Petitjean et al. Specific detection of enteroviruses in clinical samples by molecular hybridization using poliovirus subgenomic riboprobes. <i>J. Clin. Microbiol.</i> 28(2):307-311 (1990)
	A36	Melnick. The discovery of the enteroviruses and the classification of poliovirus among them. <i>Biologicals</i> 21:305-309 (1993)
	A37	Clements et al. Detection of Enterovirus-Specific RNA in Serum: The Relationship to Chronic Fatigue. <i>J. Med. Virol.</i> 45:156-161 (1995)
	A38	Rotbart et al. Development and application of RNA probes for the study of picornaviruses. <i>Mol. Cell. Probes</i> 2:65-73 (1988)
	A39	Rotbart. Enzymatic RNA amplification of the enteroviruses. <i>J. Clin. Microbiol.</i> 28(3):438-442 (March, 1990)
	A40	Chapman et al. Molecular detection and identification of enteroviruses using enzymatic amplification and nucleic acid hybridization. <i>J. Clin. Microbiol.</i> 28(5):843-850 (May, 1990)
	A41	Hyypia et al. Polymerase chain reaction for human picornaviruses. <i>J. Gen. Virol.</i> 70:3261-3268 (1989)
SF	A42	Olive et al. Detection and differentiation of picornaviruses in clinical samples following genomic amplification. <i>J. Gen. Virol.</i> 71:2141-2147 (1990)



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SE	A43	Gilmaker et al. Detection of enteroviral RNA by polymerase chain reaction in faecal samples from patients with aseptic meningitis. <i>J. Med. Virol.</i> 38:54-61 (1992)
	A44	Yang et al. Genotype-specific in vitro amplification of sequences of the wild type 3 polioviruses from Mexico and Guatemala. <i>Virus Res.</i> 24:277-296 (August, 1992)
	A45	Zoll et al. General primer-mediated polymerase chain reaction for detection of enteroviruses: application for diagnostic routine and persistent infections. <i>J. Clin. Microbiol.</i> 30(1):160-165 (January, 1992)
	A46	Muir et al. Rapid diagnosis of enterovirus infection by magnetic bead extraction and polymerase chain reaction detection of enterovirus RNA in clinical specimens. <i>J. Clin. Microbiol.</i> 31(1):31-38 (Jan. 1993)
	A47	Rotbart et al. Diagnosis of enteroviral meningitis by using PCR with a colorimetric microwell detection assay. <i>J. Clin. Microbiol.</i> 32(10):2590-2592 (Oct. 1994)
	A48	Cova et al. Use of cRNA probes for the detection of enteroviruses by molecular hybridization. <i>J. Med. Virol.</i> 24:11-18 (January, 1988)
	A49	Kim et al. Nucleotide sequencing of a part of the 5'-noncoding region of echovirus type 9 and rapid virus detection during the acute phase of aseptic meningitis. <i>Arch. Virol.</i> 142:853-860 (1997)
	A50	Santti et al. Molecular detection and typing of human picornaviruses. <i>Virus Res.</i> 62:177-183 (1999)
	A51	Casas et al. Molecular Characterization of Human Enteroviruses in Clinical Samples: Comparison Between VP2, VP1, and RNA Polymerase Regions Using RT-Nested PCR Assays and Direct Sequencing of Products. <i>J. Med. Virol.</i> 65:138-148 (2001)
	A52	Caro et al. Molecular strategy for 'serotyping' of human enteroviruses. <i>J. Gen. Virol.</i> 82:79-91 (2001)
	A53	Norder et al. Homotypic Echoviruses Share Aminoterminal VP1 Sequence Homology Applicable for Typing. <i>J. Med. Virol.</i> 63:35-44 (2001)
	A54	Oberste et al. Comparison of Classic and Molecular Approaches for the Identification of Untypeable Enteroviruses. <i>J. Clin. Microbiol.</i> 38(3):1170-1174 (March 2000)
SP	A55	Oberste et al. Identification and genetic analysis of Panama-genotype Venezuelan equine encephalitis virus subtype ID in Peru. <i>Am. J. Trop. Med. Hyg.</i> 58(1):41-46 (1998)
EXAMINER: <i>Sharon Foley</i>		DATE CONSIDERED: <i>6/25/3</i>
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